

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Attorney Docket No. 2005_0642A
Michihiko TAKASE et al. : **Confirmation No. 8711**
Serial No. 10/532,673 : Group Art Unit 1792
Filed April 26, 2005 : Examiner Elizabeth A Burkhart
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INTERVIEW SUMMARY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.133(b), the Applicants make of record the telephone interview conducted in the above-identified application. A telephone interview was conducted between Examiner Burkhart and the Applicants' representative on February 18, 2010.

During the telephone interview, the present invention as recited in independent claims 21 and 27, and the current rejections were discussed. Additionally, the arguments presented in the response filed on January 28, 2010 were also discussed.

At the conclusion of the telephone interview, the Examiner indicated that the claims as recited in the present application overcome the cited prior art. In particular, since independent claim 21 now recites introducing another gas to increase oxygen deficiency in a metal oxide film, the another gas including at least one gas selected from the group consisting of carbon monoxide and carbon dioxide into the deposition room, wherein when the another gas includes carbon monoxide, controlling a partial pressure of the carbon monoxide within a range from 1×10^{-3} Pa to 5×10^{-2} Pa, and wherein when the another gas includes carbon dioxide, controlling a partial pressure of the carbon dioxide within a range from 1×10^{-4} Pa to 3×10^{-3} Pa, claim 21 overcomes the cited prior art. Additionally, since independent claim 27 now recites a gas-introducing means for introducing a first gas containing oxygen gas to suppress oxygen deficiency in a metal oxide

film and a second gas to increase oxygen deficiency in the metal oxide film, the second gas including at least one gas selected from the group consisting of carbon monoxide and carbon dioxide into the deposition room, claim 27 overcomes the cited prior art. The Examiner indicated that further search and consideration would be necessary before making a final determination regarding the allowability of the claims.

Based on the results of the interview, the Applicants respectfully request favorable consideration of the amendments and arguments presented in the response filed on January 28, 2010, and withdrawal of the rejections in the Office Action dated November 9, 2009.

If the Examiner feels there are any issues remaining which must be resolved before the application can be passed to issue, the Examiner is respectfully requested to contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

Michihiko TAKASE et al.

/Jeffrey J. Howell/

By 2010.02.19 12:17:35 -05'00'

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February 19, 2010